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# DIGITAL MOVIE MAKING I

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**SPRING 2008**



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# WINDOWS MOVIE MAKER

- It is software that enables you to create home movies and slide shows on your computer, complete with professional-looking titles, transitions, effects, music, and even narration.
  - And when you're ready, you can use Windows Movie Maker to publish your movie and share it with your friends, colleagues and family.
  - It is divided into three main areas:
    - ❑ the panes
    - ❑ the storyboard/timeline
    - ❑ the preview monitor
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# CAPTURE VIDEO

- Before attempting to capture video, the camera must be connected to the computer and already configured.
  - Follow these steps:
    1. Click **Capture from video device**. The Video Capture Wizard appears.
    2. Select from **Available Devices**, the icon that represents the video camera that you are using.
    3. Adjust the audio settings for the microphone if needed.
    4. Click **Next**.
    5. Enter a file name for the capture video.
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# CAPTURE VIDEO

6. Select a location to save the video. Click **Browse** if necessary.
  7. Click **Next** twice.
  8. Adjust the camera as needed before recording.
  9. Click the **Mute speakers** checkbox if you are also recording audio to make sure that what is recorded doesn't play back to the speakers.
  10. By selecting **Capture time limit** the time recording information is also saved for the clip.
  11. Click **Start Capture**. The recording will start and speak and move normally.
  12. Click **Stop Capture** to force the recording to stop.
  13. Click **Finish**
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## PRACTICE #1

1. Capture a one minute video about the benefits of technology in education.
  2. Save that video in your disk as **ComputerEducationIntro.**
  3. Capture a one minute video about the topic of your choice.
  4. Save it with an appropriate name.
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# IMPORTING VIDEO, PICTURES AND AUDIO FILES

- You can import files with the following file name extensions into Windows Movie Maker to use in your project:
    - Video files: .asf, .avi, .dvr-ms, .m1v, .mp2, .mp2v, .mpe, .mpeg, .mpg, .mpv2, .wm, and .wmv
    - Audio files: .aif, .aifc, .aiff, .asf, .au, .mp2, .mp3, .mpa, .snd, .wav, and .wma
    - Picture files: .bmp, .dib, .emf, .gif, .jfif, .jpe, .jpeg, .jpg, .png, .tif, .tiff, and .wmf
  - You can also import files into Windows Movie Maker that have a different extension from the ones listed above, but not all file types will work when you try to use them to make a movie.
  - Microsoft Recorded TV Show files (with a .dvr-ms file name extension) that are not protected using digital rights management can be imported into Windows Movie Maker if your computer is running Windows Vista Home Premium or Windows Vista Ultimate.
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# IMPORTING VIDEO, PICTURES AND AUDIO FILES

1. Click **File**, and then click **Import into Collections**.
2. Navigate to the location that contains the digital media files you want to import, and then click **Import**.

## ■ Tips

- You can import several video clips at once.
    - For consecutive clips, click the first video clip in the list, press and hold down the SHIFT key, and then click the last clip in the list.
    - For video clips that are not consecutive, press and hold down the CTRL key, and then click each clip that you want to import into Windows Movie Maker.
  - You can also import video files and pictures by dragging the files from Windows Photo Gallery into Windows Movie Maker.
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## PRACTICE #2

1. Go to the Internet and find a downloadable video clip of students sitting in a classroom (AltaVista)
    - ❑ Suggested keywords **computers in education**
  2. Save that video in your disk.
  3. Import that video
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## EDITING A MOVIE

- After importing video, pictures, and music into Windows Movie Maker, you're ready to start editing.
  - You can begin by adding and arranging **clips** on the **storyboard**, and then add titles, transitions, and effects, if you want.
  - Then you can use the **timeline** to fine-tune your project by editing the different clips.
  - You can split a long clip into two shorter clips, combine two clips into a single clip, trim the beginning or ending of a clip, and even create new clips.
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# EDITING A MOVIE

## ■ Adding a Clip to a Project

- ❑ It is the first step to editing your project.
  - ❑ Follow these steps:
    1. In the Collections pane, click the folder that contains the clip you want to add to your project.
    2. In the Contents pane, click the clip that you want to add.
    3. Click **Clip**, and then click **Add to Storyboard** or **Add to Timeline**, depending on the view that you are using.
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# EDITING A MOVIE

## ■ Tips

- ❑ To quickly add a clip to your project, drag the clip to the storyboard/timeline.
  - ❑ To add consecutive clips, click the first clip in the Contents pane, press and hold **SHIFT**, click the last clip in the Contents pane, and then drag the selected clips to the storyboard/timeline.
  - ❑ To add clips that are not consecutive, press and hold **CTRL**, click each clip that you want to add in the Contents pane, and then drag the selected clips to the storyboard/timeline.
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## PRACTICE #3

1. Add the captured clip to the story board.
  2. Add the imported video to the story board.
  3. Save the Project as **MyDigitalMovieProject** in your disk.
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# EDITING A MOVIE

## ■ Moving a Clip on the Storyboard/Timeline

- When editing your project, you might want to change the order of clips on the storyboard/timeline.
    - For example, you might want a video clip to appear later or earlier on in your movie.
  - Follow these steps:
    1. On the storyboard/timeline, select the clip that you want to move.
    2. Click **Edit**, and then click **Cut**.
    3. Do one of the following, depending on the view that you are working in:
      - On the storyboard, click the next empty cell.
      - On the timeline, move the playback indicator to the point where you want to paste the clip.
    4. Click **Edit**, and then click **Paste**.
  - **Tip**
    - To quickly move a clip on the storyboard/timeline, click the clip and drag it to a new place on the storyboard/timeline.
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## PRACTICE #4

1. Go to the Internet and find a downloadable video clip related to education.
  2. Save that video in your disk.
  3. Import that video.
  4. Move that to be the second video in the storyboard.
  5. Save your project.
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# EDITING A MOVIE

## ■ Clearing the Timeline/Storyboard

- If you add clips to the storyboard/timeline and then decide that you want to start the project over again, you can quickly remove everything that appears on the storyboard/timeline.
  - Click **Edit**, and then click **Clear Timeline** or **Clear Storyboard**, depending on the view that you are using
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# EDITING A MOVIE

## ■ Zooming

- ❑ You can change the level of detail on the timeline by zooming in or out.
- ❑ When you zoom in, the time scale appears in smaller intervals, and you see your project in greater detail.
- ❑ Conversely, when you zoom out, the time scale expands, which gives a greater perspective on the timeline and its contents as a whole.
- ❑ This makes organizing and editing your project easier.
  1. Click **View**, and then click **Timeline**.
  2. Click **View**, and then click **Zoom In** or **Zoom Out**.
- ❑ If you add long videos or have a lot of clips on the timeline, you might not be able to see all the clips without scrolling.
- ❑ To view everything on the timeline without scrolling, click **Zoom to fit** in the **View** menu. This can make editing easier because the whole project appears on your screen.

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# EDITING A MOVIE

## ■ Splitting Clips

- ❑ You can manually split video and audio clips into smaller clips to make your clips easier to work with.
  - ❑ For example, if you have a video clip that has two different scenes, you might want to split the video clip at the point where the one scene ends and the other begins, and then insert a transition between the two clips.
  - ❑ Follow these steps:
    1. In the **Contents** pane or on the **storyboard/timeline**, click the video or audio clip that you want to split.
    2. Under the preview monitor, click the **Play** button.
    3. When the clip reaches a point near the place you want to split the clip, click **Pause**.
    4. Under the preview monitor, use the playback controls to find the point where you want to split the clip.
    5. Go to the **Clip** menu and then click **Split**.
      - ❑ **Tip:** You can drag the playback indicator on the seek bar to the exact spot where you want to split the clip.
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## PRACTICE #5

1. Split the telescope clip when there is a single star shining (about 56 seconds into the clip)
  2. Re-save your project.
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# EDITING A MOVIE

## ■ **Combining Clips**

- Conversely, you might have a file that was divided into smaller clips that you want to combine.
  - However, you can only combine contiguous clips. "Contiguous" means that the start time of the second clip immediately follows the end time of the first clip.
    - For example, if you have a video or audio file that was divided into clips when it was imported into Windows Movie Maker,
    - and the clips are named Clip 1, Clip 2, and Clip 3, in that order,
    - you could combine Clip 1 and Clip 2, or Clip 2 and Clip 3, but you cannot combine Clip 1 and Clip 3.
  - You can combine contiguous video clips on the storyboard or in the Contents pane (before adding the clip or clips to the storyboard/timeline).
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# EDITING A MOVIE

## ■ Combining Clips

### □ Follow these steps:

1. In the Contents pane or on the storyboard, hold down the **CTRL** key, and then click the contiguous clips you want to combine.
2. Click **Clip**, and then click **Combine**.

- The name and property information of the first clip in the group is used for the new clip and the time is adjusted accordingly.

### ■ Tip

- You can combine more than two clips at a time as long as they are consecutive.
  - To select multiple clips, click the first clip, press and hold down the **SHIFT** key, and then click the last clip.
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## PRACTICE #6

1. Go to the Internet and find a video clip of the planet Saturn (or any other planet).
  2. Combine this clip with the one split from the previous exercise.
  3. Re-save your project.
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# EDITING A MOVIE

## ■ **Trimming parts of a video**

- ❑ When you trim a clip, you make a new start and/or end trim point.
  - ❑ The start trim point determines when the clip will begin to play, and the end trim point determines when the clip will stop playing in your project and final movie.
  - ❑ When you trim a clip, the trimmed part of the clip is not actually removed from the source file
  - ❑ it's just hidden so the trimmed part doesn't appear in your project or published movie.
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# EDITING A MOVIE

## ■ Trimming parts of a video

### □ Follow these steps:

1. If you are in the storyboard view, click **View**, and then click **Timeline**.
2. On the timeline, click the clip that you want to trim.
3. Use the playback controls under the preview monitor to find the point where you want to trim the clip.
4. When the playback indicator is at the point where you want the selected video or audio clip to start playing back, click **Clip**, and then click **Set Start Trim Point**.
5. When the playback indicator is at the point where you want the selected video or audio clip to stop playing back, click **Clip**, and then click **Set End Trim Point**.

## ■ Notes

- You can also drag the trim handles on a clip to set the start and end trim points. Trim handles appear as small black triangles at the beginning and end of a clip after you click the clip on the timeline. When you hold your pointer over a trim handle, the pointer changes to a red double-headed arrow. Drag a trim handle to set the new start or end point of the clip.
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## PRACTICE #7

1. Trim a section of the Saturn clip (or the clip that you found in the previous exercise) that seems unnecessary.
  2. Re-save your project.
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## PRACTICE #8

1. Prepare a script to advertise the topic of your choice (i.e. math, biology, etc.). Plan for 1 or 2 minute video.
  2. Create a video advertising your preferred topic. Use the webcam, microphone and headset to record yourself.
  3. Find two clips on the Internet that you can use to enhance your movie.
  4. Save your project as **MyFavoriteTopicMovie**.
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